

DETAILED ACTION

1. This action is responsive to amendment filed 12/1/2009.

Response to Remarks/Amendment

2. Applicant's amendment, filed 12/01/2009, has been fully considered and as a result claims 1-4, 6, 8-13, 15, 17-18, 21-24, are now indicated allowable. However, in order to advance prosecution in the case an examiner's amendment was considered necessary, to overcome some minor deficiency in the claims.
3. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. John R. Lastova on 2/11/2010, 2/12/2010.

The application has been amended as follows:

IN THE CLAIMS:

Claims 9, 18 and 24, line 2-3, respectively, after "a filter coefficient that depends" the phrase "on the" has been replaced with -- also on an --.

Claim 10, line 10-11, lined-through portion "and said compensation for changes in amplifier temperature is not dependent on memory effects of the amplifier" has been reinserted.

Allowable Subject Matter

4. Claims 1-4, 6, 8-13, 15, 17-18, 21-24 allowed.

Reason for Allowance

5. The following is an examiner's statement of reasons for allowance: The prior art of record considered either alone or in combination neither teaches nor renders obvious a method (apparatus) for pre-distorting a signal inputted to a power amplifier using a pre-distorter formed by a discrete-time filter structure with filter taps comprising: in combination with other claimed limitations wherein pre-distortion is approximated by use of parameters of the equation recited in the claim. Such limitation as recited in independent claims 1, 10, 21 is neither anticipated nor rendered obvious by the prior art of record.

Claims 2-4, 6, 8-9, 11-13, 15, 17-18, 22-24 are allowed by virtue of their dependency to claims noted above.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Contact Information

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Qutbuddin Ghulamali whose telephone number is (571)-272-3014. The examiner can normally be reached on Monday-Friday, 7:00AM - 4:30PM.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Chieh M. Fan can be reached on (571) 272-3042. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

QG.

February 12, 2010.

/CHIEH M FAN/

Supervisory Patent Examiner, Art Unit 2611